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1449/PTO		Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE			
		U.S. Department of Commerce Patent and Trademark Office		Application No.	: Concurrently herewith
				Filing Date	: Concurrently herewith
				First Named Inventor	: Sunil Keshavji VADGAMA, et. al.
				Group Art Unit	:
				Examiner Name	:
		Attorney Docket No. : FUJL 18.168			
Sheet 1 of 1					

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
T.W.	5,649,287			FORSSEN	7/15/1997	

<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>4</sup> Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
T.W.	0670608	EP	ATR		9/6/1995	
T.W.	0595247	EP	ATR		5/4/1994	
T.W.	98 27669	WO	CWILL		6/25/1998	

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached <sup>6</sup>
T.W.		"Performance of Wireless CDMA with M-ary Orthogonal Modulation and Cell Site Antenna Arrays", Naguib A.F. et al, IEEE Journal on Selected Areas in Communications, US, IEEE Inc. N.Y., vol. 14, No. 9, pp 1770-1783, XP000639640, ISSN: 0733-8716	
T.W.		"Spatial Utilization and Suppression of Multipath Signals by Maximal-Ratio-Combining Digital-Beamformer for-Mobile Radios", IEICE Transactions on Communications, JP, Institute of Electronics, Information and Comm. Eng. Tokyo, vol. E81-B, no. 4, 1 April 1998, pp 806-810, XP000780476, ISSN: 0916-8516	
T.W.		Paper entitled "An Adaptive Array Antenna Using Combined DFT and LMS Algorithm", K. Watanabe, I. Yoshii, and R. Kohno, Annual EIT Conference of Telecommunications, 1997.	

Examiner Signature		Date Considered	1/21/04
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>6</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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